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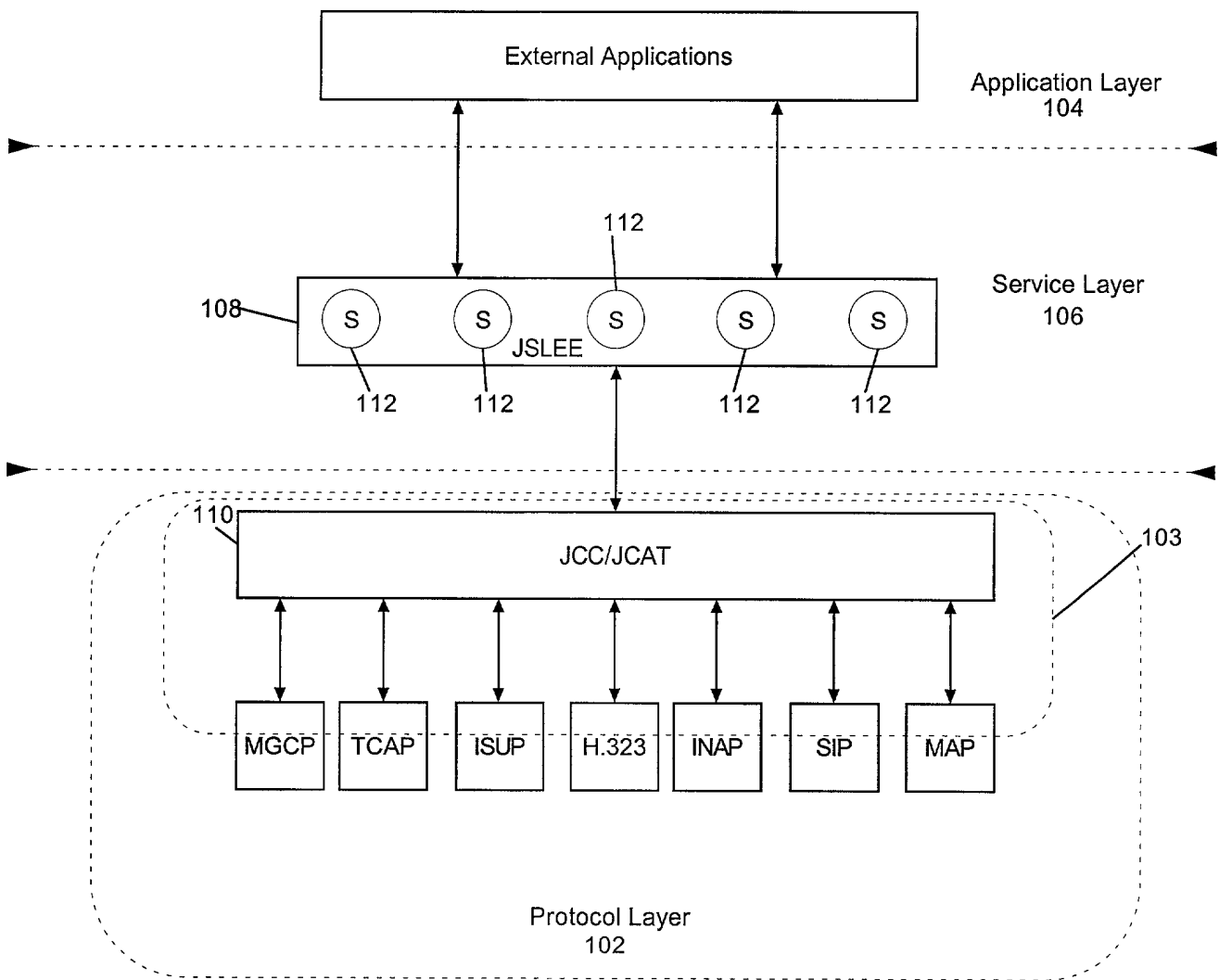


FIG. 1 (Prior Art)

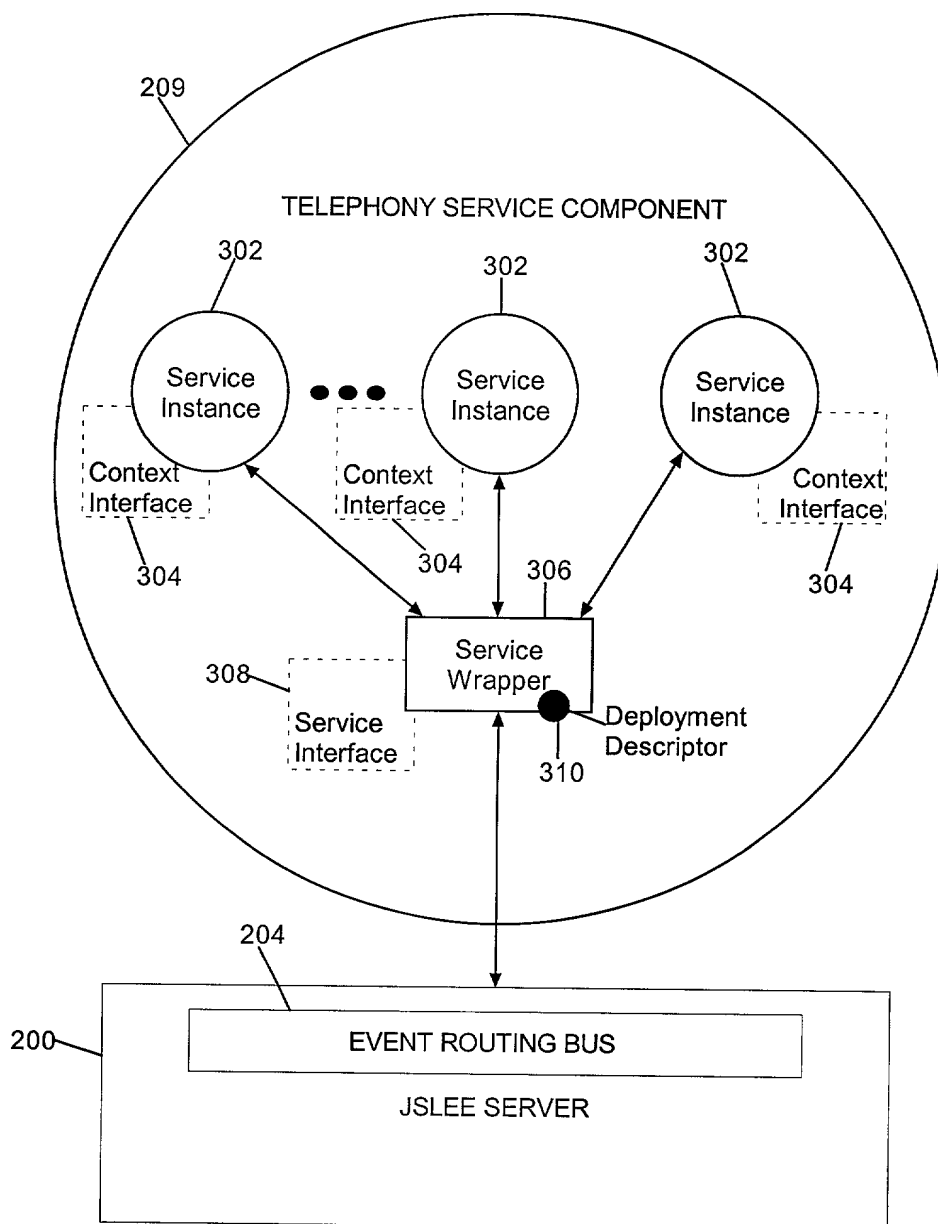


FIG. 3

Create SBB SmartGuide

Create Service Building Block

*Project: Your Telecom Project Browse

*SBB package name: com.yourtelecom.services.callforwarding

*SBB class name: CallForwarding

Generate Class Names

*Deployment: CallForwardingDeployment

*Management: CallForwardingManagement

ActivityContext: ☐ CallForwardingActivityContext

☒ Generate TCAP utility classes

☐ Generate JCC utility classes

☒ Generate provisioning and logging utility classes

Previous Next Finish Cancel

FIG. 5A

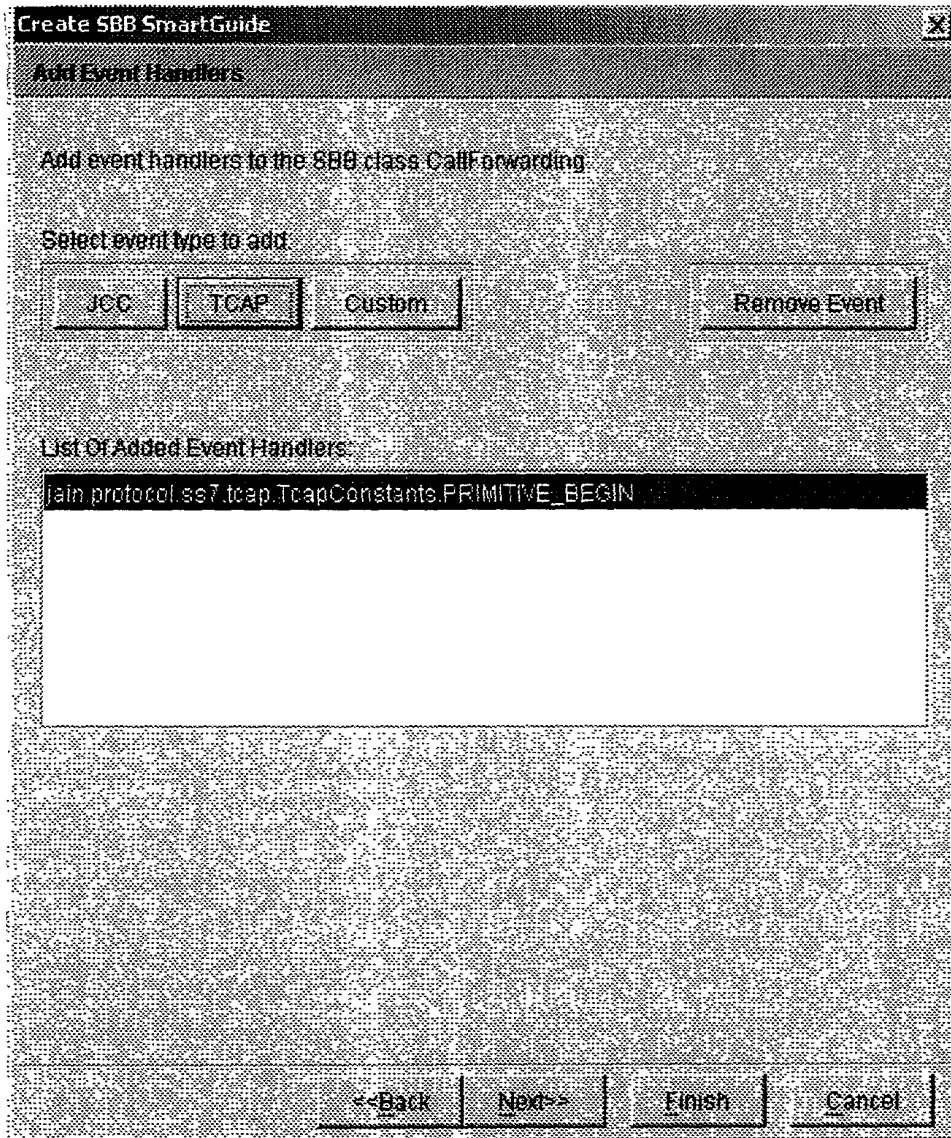


FIG. 5B

Create SBB SmartGuide

Add Container Management Persistent Fields

Add CMP fields to the SBB class CallForwarding

Add Field Remove Field

List Of Added CMP Fields

UserCount

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FIG. 5C

Create SBB SmartGuide

Add Activity Context Fields

Add Activity Context fields to the class CallForwardingActivity...

Add Field Remove Field

List Of Added Activity Context Fields:

lastUsed

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FIG. 5D

Export SBB SmartGuide

Deployment Descriptor Information

Service Description: A Simple Call Blocking Service

*Service Name: CallBlocking

*Service Type: Service

*Service Vendor: IBM

*Service Version: 0.8

* = required

☐ Service Execution Settings

Start-Up Timeout (milliseconds): 3000

Maximum Execution Size: 10

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FIG. 6A

Export SBB SmartGuide

Implemented Events

Select other event handlers to add to the Deployment Descriptor:

JCC TCAP Custom Remove

Supported events for this service:

jain.protocol.ss7.tcap.TcapConstants.PRIMITIVE_INVOKE
jain.application.services.jcc.JccConnectionEvent.CONNECTION_AUTHORIZE_CAL

Enter description for selected event:

Call Block Request

Event Priority: 10 ☒ Initial Event

Continue

<<Back Next>> Finish Cancel

FIG. 6B

Export SBB SmartGuide

Implemented Container Management Persistent Fields

CMP field entries:

configInfo

Add Remove

Enter CMP field description:

Configuration information for the SBB

<<Back Next>> Finish Cancel

FIG. 6C

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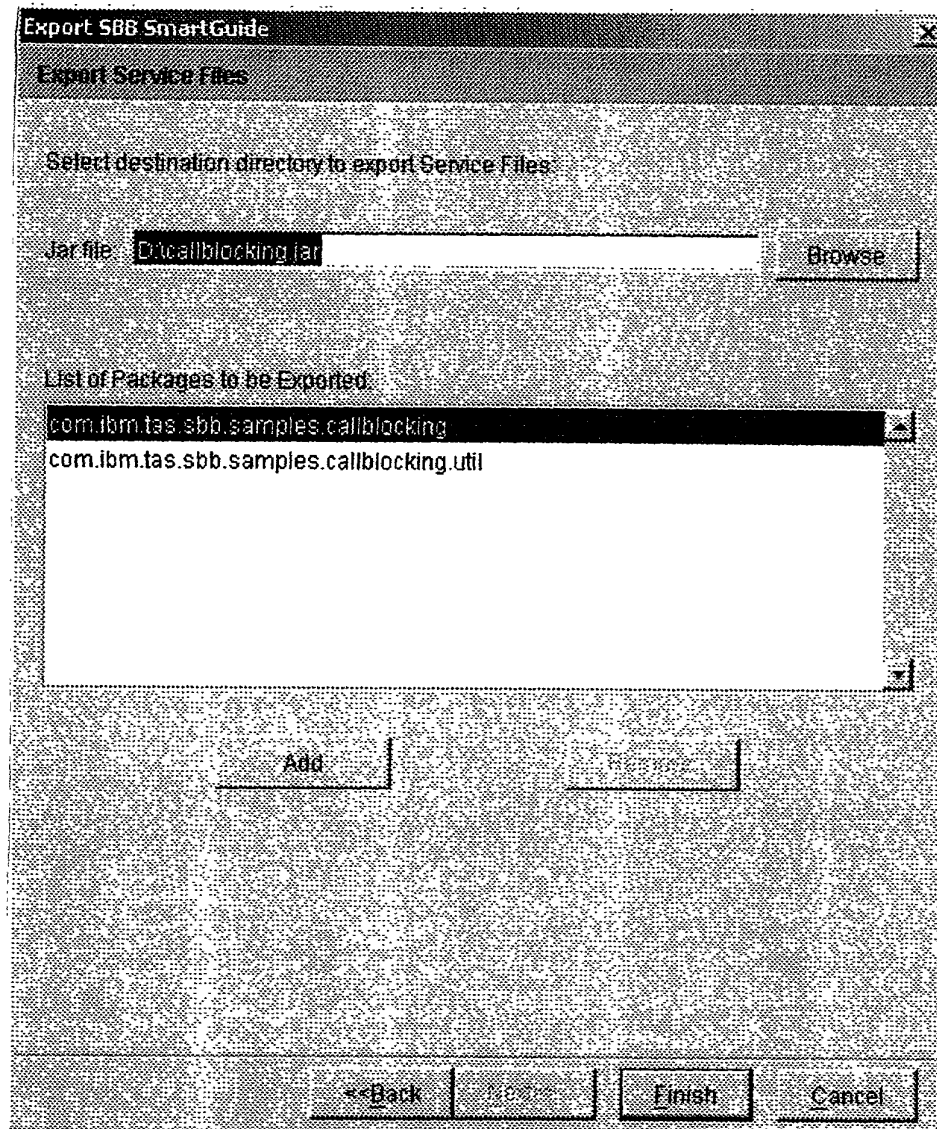


FIG. 6E

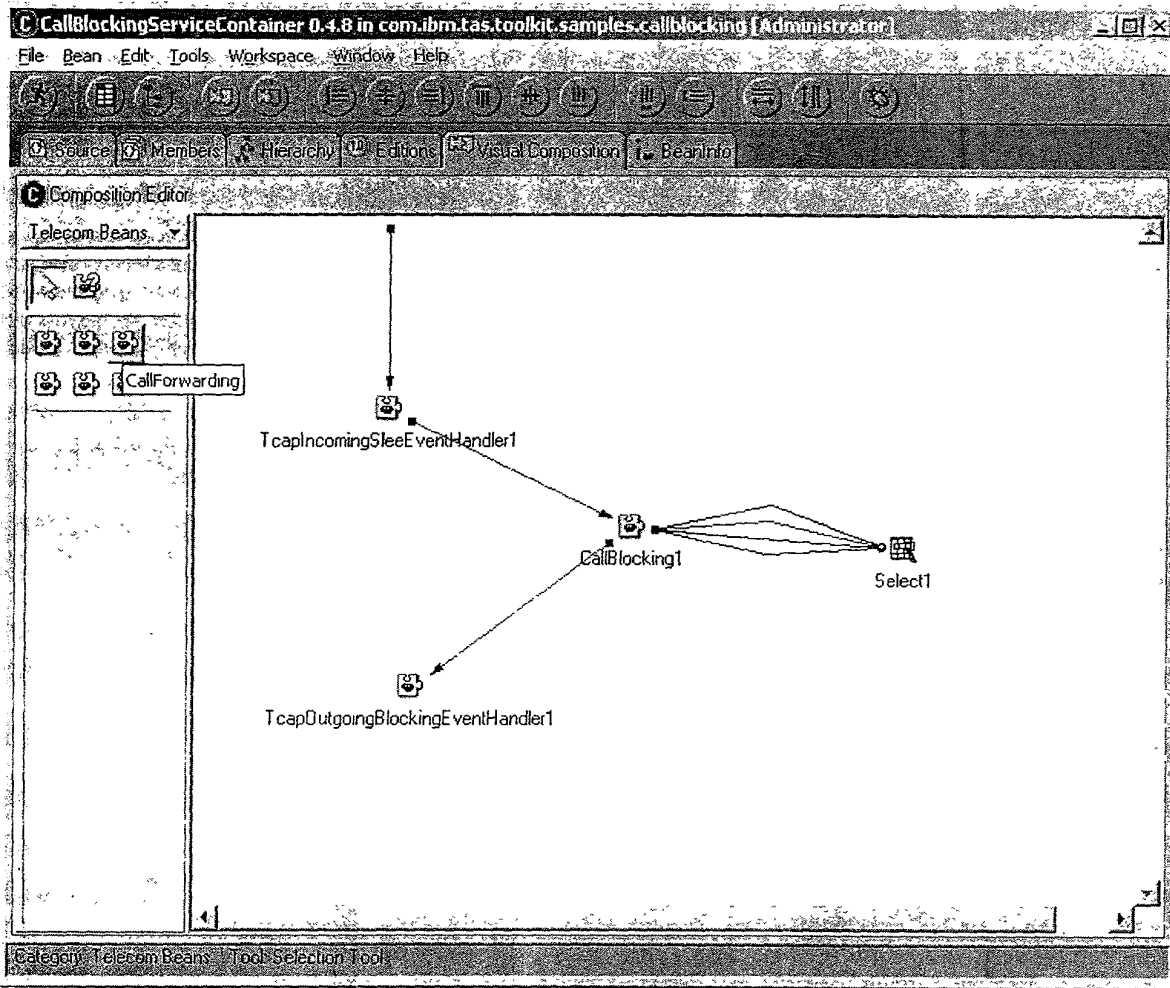


FIG. 7